

FEE TRANSMITTAL

Electronic Version v08

Stylesheet Version v08.0

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| Title of Invention | METHOD AND APPARATUS FOR STORAGE DEVICE READ PHASE AUTO-CALIBRATION |
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Application Number :

Date :

First Named Applicant: Yi-Shu Chang

Attorney Docket Number: REAP0045USA

TOTAL FEE AUTHORIZED \$ 810

Patent fees are subject to annual revisions on or about October 1st of each year.

Filing as large entity

BASIC FILING FEE

| Fee Description | Fee Code | Amount \$ | Fee Paid \$ |
|--|----------|-----------|-------------|
| Utility Filing Fee | 1001 | 770 | 770 |
| Subtotal For Basic Filing Fees: \$ 770 | | | |

EXTRA CLAIM FEES

| Fee Description | Extra Claim | Fee Code | Amount \$ | Fee Paid \$ |
|--------------------------------------|-------------|----------|-----------|-------------|
| Total Claims : 15 | 0 | 1202 | 18 | 0 |
| Independent Claims : 2 | 0 | 1201 | 88 | 0 |
| Subtotal For Extra Claims Fees: \$ 0 | | | | |

ASSIGNMENT FEES

| Fee Description | Property Number | Quantity | Fee Code | Amount \$ | Fee Paid \$ |
|--|-----------------|----------|----------|-----------|-------------|
| Recording Each Patent Assignment Per Property Fee | 00000000 | 1 | 8021 | 40 | 40 |
| Subtotal For Additional Fees: \$40 | | | | | |

AUTHORIZED BILLING INFORMATION

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit account number: 503105

Access Code: ****

Deposit name: North America Intellectual Property Corporation

Deposit authorized name: /WINSTON HSU/

Signature: /VAEB-JMXX-8III/

Date (YYYYMMDD):

2004-09-18

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.